



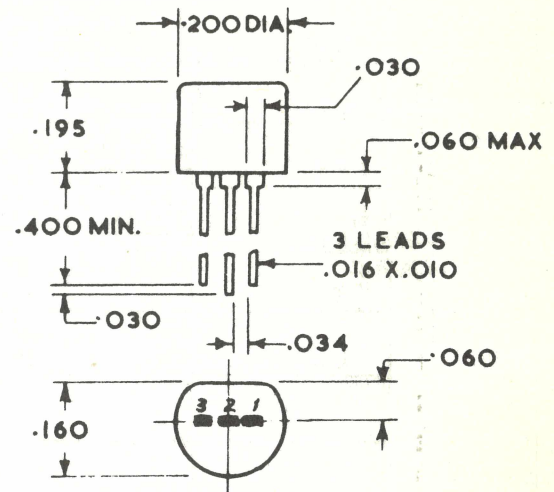
AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

AS 301

AS 302

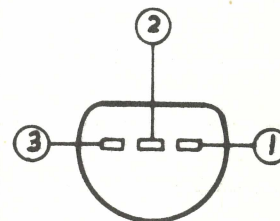
These units are n-p-n silicon planar epitaxial transistors in an epoxy package for general H.F. applications as amplifiers, mixers or oscillators.

DIMENSIONAL OUTLINE



Dimensions in Inches

TERMINAL DIAGRAM



Lead 1-Emitter
Lead 2-Base
Lead 3-Collector

ABSOLUTE MAXIMUM RATINGS.

Collector-base voltage	= 25 volts
Collector-emitter voltage	= 25 volts
(Base-emitter resistance = 100 K Ω)	
Emitter-base voltage	= 3.5 volts
Emitter current	= 50 mA
Base current	= 25 mA

THERMAL RATINGS.

Dissipation in an ambient temperature up to 25°C ----- 200 mW max.
Derate linearly to zero at 135°C.

During soldering lead temperature must not exceed 255°C for
10 secs. max. with 1/16" of can.

Storage temperature -25°C to 135°C.

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